Carbohydrate Research, 236 (1992) C1–C2
Elsevier Science Publishers B.V., Amsterdam

AUTHOR INDEX

Aubery, M. 97

Baksi, K. 301
Banerjee, D.K. 301
Basu, S. 227
Bauvy, C. 97
Berger, E.G. 335
Bernard, M. 259
Brockhausen, I. 39, 281
Brossmer, R. 89
Bruneteau, M. 345

Campos, T.M. 301
Carnoy, C. 9
Choay, J. 107
Coddeville, B. 145
Codogno, P. 97
Coudert, C. 107

Das, K.K. 227
Debray, H. 135
Defaye, J. 195
Derappe, C. 181
Diaz, A.M. 301
Dosbaa, I. 259
Duk, M. 245

Egge, H. 145, 321
Emiliani, C. 259
Endo, T. 349
Ernst, B. 335

Faille, C. 17
Foglietti, M.-J. 259
Fournet, B. 339
Fournier, J.-P. 107
Franz, H. 135
Fuchs, A.G. 97

Gamian, A. 195
Giner, M. 181
Glick, M.C. 209
Goussault, Y. 181
Grande, C. 301
Grey, A.A. 281

Hagedorn, H.-W. 89
Hanisch, F.-G. 321
Hård, K. 315
Hatano, A. 165

Kabat, E.A. 245
Kamerling, J.P. 315
Khan, S.H. 281
Kitajima, T. 349
K. Jain, R. 327
Klein, A. 9
Kobata, A. 349
Kol, O. 339
Kozek, W.J. 301

Lamblin, G. 9
Le Dizet, P. 267
Level, M. 107
Li, Z. 227
Lis, H. 245
Lisowska, E. 245
Liu, Z. 121
Lo-Guidice, J.-M. 9
Locke, R.D. 327
Lormeau, J.-C. 107
Louisot, P. 29

Mallet, J.-M. 73
Martin, A. 29
Matta, K.L. 281, 327
Merten, H. 89
Michalski, J.-C. 17
Michel, G. 345
Mitra, D. 245
Möller, G. 281
Muralikrishna, G. 321

Nagasawa, K. 165
Negishi, M. 209
Normand, S. 29

Ogier-Denis, E. 97
Ohbayashi, H. 349
Öhrlein, R. 335

Pachiaudi, C. 29
Paulsen, H. 39, 281
Percheron, F. 259
Perlin, A.S. 121
Perret, J. 345
Petek, F. 267
Peter-Katalinić, J. 145, 321
Petitou, M. 107
Piskorz, C.F. 327
Platzer, N. 181
Poretz, R.D. 1
Poulain, D. 17

Rago, R.P. 1
Rambal, C. 29
Ramirez-Soto, D. 1
Reck, F. 39
Reuter, G. 321
Riou, J.-P. 29
Romanowska, E. 195
Rouhier, P. 345
Roussel, P. 9

Sato, N. 165
Schachter, H. 281
Schaeper, R.J. 227
Schauer, R. 321
Shah, R.N. 281
Sharon, N. 245
Shiraishi, M. 349
Siebert, H.-C. 321
Simenel, C. 107
Sinaÿ, P. 73
Smets, P. 339
Spik, G. 145
Strecker, G. 17, 135, 145, 339

Takenaga, M. 349
Takenaga, S. 349

Uchiyama, H. 165
Ulrich, J. 195

Van Halbeek, H. 145
Van Kuik, J.A. 209
Vliegenthart, J.F.G. 145, 209, 315
Vodjdani, G. 267

Wantyghem, J. 181
Wieruszeski, J.-M. 17, 135, 145, 339

Yang, J.-M. 281

Zalisz, R. 339
Zhang, Y.-M. 73
Zuber, M. 107

Carbohydrate Research, 236 (1992) C3–C5
Elsevier Science Publishers B.V., Amsterdam

SUBJECT INDEX

N-Acetyl-β-D-galactosaminyltransferases from embryonic chicken brain, biosynthesis in vitro of GbOse4Cer and GM2 gangliosides by, 227
N-Acetylglucosaminyltransferase-I, synthesis of oligosaccharides as substrate of, 39
(1 → 4)-*N*-Acetyl-β-D-glucosaminyltransferases, characterization of, 281
N-Acetylneuraminic acid, synthesis of deculopyranosonic acid analog, and its 5- and 6-epimers of, 89
O-Acylated derivatives of glycosaminoglycans, synthesis of, 107
Albumin glycans, resolution by poly(acrylamide) electrophoresis and characterization of, 1
Alkylamine-bonded silica, separation of mucin oligosaccharide-alditols by HPLC on, 9
Antibodies, monoclonal, against oligosaccharides coupled to protein, production of, 349
Aspergillus roseus, purification and properties of β-D-glucosidases from, 267
Asteria rubens, starfish, identification of new ganglioside from, 321

Blood group-type-specific lectin from *Moluccella laevis*, combining site of, A + N, 245
Bovine lactotransferrin glycans, heterogeneity of, 145

Candida albicans VW.32 (serotype A) phosphopeptidomannan, NMR assignments for the D-mannooligosaccharides, 17
Cation-binding characteristics of chemically-modified heparins, 121
Cellulose, β-D-glucosidases from *Aspergillus roseus* acting on, 267
Cell wall from *Fusarium oxyporum*, structure of β-D-glucans from, 345

Deculopyranosonic acid analog of *N*-acetylneuraminic acid, and its 5- and 6- epimer, synthesis of, 89
Depolymerization, oxidative-reductive, of heparin, 165

Dolichol monophosphate in the membrane, monoclonal antibody to amphomycin: A tool to study the topography of, 301

Escherichia coli O104 O-specific polysaccharide, sialic acid containing, structure of, 195

Fluoresceinated glycopeptides, two-dimensional poly(acrylamide) electrophoresis of, 1
α-L-Fucosidase, patterns in acute myeloid leukemia cells of, 259
(1 → 3)-α-L-Fucosyltransferase, synthesis of di- and tri-saccharides as specific acceptors for, 327
Fusarium oxyporum, structure of β-D-glucans from, 345

β-D-Galactopyranosyl-(1 → 4)-linked, 2-*O*-substituted di- and tri-saccharides, synthesis of, 327
β-D-Galactosyltransferase, human, galactosylation of non-natural glycosides on a preparative scale with, 335
Ganglioside from the starfish *Asteria rubens*, identification of a new, 321
Gas–liquid chromatography—isotope-ratio mass spectrometry, determination of compounds naturally labeled with stable, isotopes by, 29
GbOse4Cer glycolipid, synthesis by *N*-acetylgalactosaminyltransferase of, 227
β-D-Glucans from *Fusarium oxyporum*, structure of, 345
D-Glucose and *N*-glycans metabolism in HT-29 cells, 97
β-D-Glucosidases from *Aspergillus roseus*, isolation, purification, and properties of, 267
N-Glycans and glucose metabolism in HT-29 cells, 97
Glycopeptides of albumin, fluoresceinated, resolution by poly(acrylamide) electrophoresis of, 1
Glycoprotein neutral sugars, use of compounds naturally labeled with stable isotopes for the study of the metabolism of, 29

Glycoprotein synthesis, control of, 281
N-Glycoproteins, synthesis of modified oligosaccharides of, 39
Glycosaminoglycans, synthesis of *O*-acylated derivatives of, 107
N-Glycosylproteins, synthesis of trimannosyl core of, 73
GM2 ganglioside, synthesis by *N*-acetylgalactosaminyltransferase of, 227

Heparin, oxidative-reductive depolymerization of, 165
Heparin, synthesis of *O*-acylated derivatives of, 107
Heparins, chemically-modified, regioselectivity in the sulfation of, 121
HPLC of mucin oligosaccharide-alditols on alkylamine-bonded silica, 9
HT-29 cells, *N*-glycans and glucose metabolism in, 97
Human β-D-galactosyltransferase, galactosylation of non-natural glycosides on a preparative scale with, 335

Isotopes, stable, use in the study of the metabolism of glycoprotein neutral sugars of compounds naturally labeled, 29

Klebsiella pneumoniae O1K2 lipopolysaccharide, structure of the O-specific chain of, 339

Lactotransferrin, bovine, heterogeneity of glycans of, 145
Laser photo-CIDNP for an intact glycoprotein, 315
Lectin specific for A + N blood group type from *Moluccella laevis*, combining site of, 245
Lectins from seeds of *Robinia pseudoacacia*, structure of the carbohydrate chain of, 181
Leukemia cells, myeloid, patterns of α-L-fucosidase in, 259
Lipopolysaccharide of *Klebsiella pneumoniae* O1K2, structure of the O-specific polysaccharide chain of, 339

D-Mannooligosaccharides from the phosphopeptidomannan of *Candida albicans* VW.32 (serotype A), NMR, 17
Mistletoe (*Viscum album*) lectin I, carbohydrate chains of, 135
Moluccella laevis lectin, combining site for A + N blood group type of, 245
Monoclonal antibodies against oligosaccharides coupled to protein, production of, 349
Monoclonal antibody to amphomycin: A tool to study the topography of dolichol monophosphate in the membrane, 301
Myeloid leukemia cells, patterns of α-L-fucosidase in, 259

Neurotoxin-responsive sodium channel, oligosaccharide composition of, 209
D-*glycero*-D-*galacto*-Non-2-ulopyranose, 5-acetamido-1,3,5-trideoxy-, synthesis of, 89
Nuclear polarization, dynamic, laser-photochemically-induced, for a glycoprotein, 315

Oligomannose-type glycans isolated from mistletoe lectin I, 135
Oligosaccharide-alditols from mucin, separation by HPLC on alkylamine-bonded silica of, 9
Oligosaccharides coupled to protein, production of monoclonal antibodies against, 349
Oxidative-reductive depolymerization of heparin, 165

Phosphopeptidomannan of *Candida albicans* VW.32 (serotype A), NMR assignments for the D-mannooligosaccharides of, 17
Polarization, dynamic nuclear, laser-photochemically-induced, for a glycoprotein, 315
Polysaccharide chain of *Klebsiella pneumoniae* O1K2 lipopolysaccharide, O-specific structure of, 339

Robinia pseudoacacia seed lectins, structure of the carbohydrate chain of, 181

Seed lectins of *Robinia pseudoacacia*, structure of the carbohydrate chain of, 181
Sialic acid, requirement for biological activity of neurotoxin-responsive sodium channel of, 209
Sialic acid-containing polysaccharide from *Escherichia coli* O104, structure of, 195
Sodium channel, neurotoxin-responsive, oligosaccharide composition of, 209
O-Specific, sialic acid containing polysaccharide from *Escherichia coli* O104, structure of, 195
Starfish *Asteria rubens*, identification of a new ganglioside from, 321
Sulfation of chemically-modified heparins, 121

Transferase, (1 → 3)-α-L-fucosyl-, synthesis of acceptors for, 327
Transferase-I, *N*-acetylglucosaminyl-, synthesis of oligosaccharides as substrates of, 39
Transferases, (1 → 4)-*N*-acetyl-β-D-glucosaminyl-, characterization of, 281

Transferrin, lacto-, heterogeneity of glycans of bovine, 145
Tri(4-bromophenyl)ammoniumyl hexachloroantimonate, use in the synthesis of the trimannosyl core of *N*-glycosylproteins of, 73
Trimannosyl core of *N*-glycosylproteins, synthesis of, 73

Viscum album lectin I (mistletoe), carbohydrate chains of, 135